

PATENT ABSTRACTS OF JAPAN

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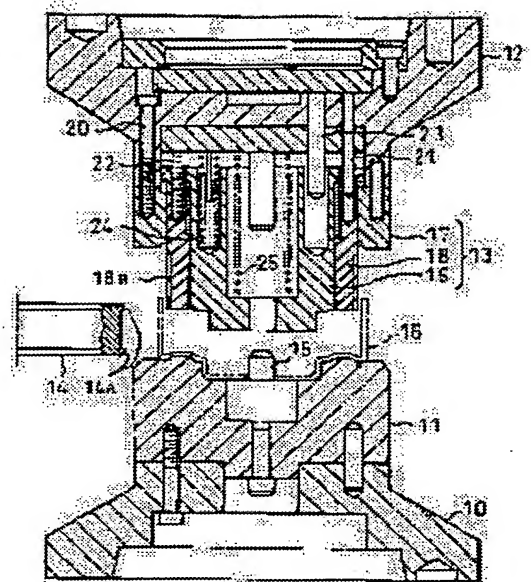
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(54) FORM ROLLING METHOD FOR INSIDE SPLINE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a form rolling method for an inside spline by which forming time can be shortened without causing any underfill part on both ends of a spline.

SOLUTION: In this form rolling method in which a forming roller 14 is pressed on the external circumference of a circular-cylinder shaped material 16 to be machined clamped by an upper die 13 and a lower die 11, thereby a spline extending to the axial direction is formed on the internal circumference of the material 16 to be machined, a projecting part 14a is provided at a part corresponding to the end part of the spline of the forming roller 14 to form the end part of the spline so as to be pressed stronger than the central part.



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